

CLAIMS

What is claimed is:

1. An electrophoretic device comprising:
an electrophoretic layer including microcapsules containing an electrophoretic dispersion disposed between two electrodes;
lyophobic layers having lyophobicity for a microcapsule dispersion in which the microcapsules are dispersed at desired regions of a member;
and
said microcapsule dispersion being applied to the member having the lyophobic layers.
2. The electrophoretic device according to Claim 1, wherein the lyophobic layer on a region used as an electrical contact among the regions has such a thickness that conductivity is obtained.
3. An electrophoretic device comprising:
an electrophoretic layer including microcapsules containing an electrophoretic dispersion is disposed between two electrodes;
lyophilic layers having lyophilicity for a microcapsule dispersion in which the microcapsules are dispersed at desired regions of a member;
and
the microcapsule dispersion being applied to the member having the lyophilic layers.

4. The electrophoretic device according to Claim 3, wherein the microcapsule dispersion contains a binder.

5. The electrophoretic device according to Claim 4, wherein a migration-promoting operation for promoting migration of the microcapsule dispersion on the member being performed while or after applying the microcapsule dispersion onto the member.

6. An electrophoretic device comprising:
electrophoretic particles contained in microcapsules that migrate in response to voltage applied from electrodes;

lyophobic layers having lyophobicity for a microcapsule dispersion in which the microcapsules are dispersed at desired regions of a member;
and

the microcapsule dispersion being applied to the member having the lyophobic layers.

7. The electrophoretic device according to Claim 6, wherein the lyophobic layer on a region used as an electrical contact among the regions having such a thickness that conductivity is obtained.

8. An electrophoretic device comprising:

electrophoretic particles contained in microcapsules that migrate in response to voltage applied from electrodes;

lyophilic layers having lyophilicity for a microcapsule dispersion in which the microcapsules are dispersed at desired regions of a member; and

the microcapsule dispersion being applied to the member having the lyophilic layers.

9. The electrophoretic device according to Claim 8, wherein the microcapsule dispersion contains a binder.

10. The electrophoretic device according to Claim 9, wherein a migration-promoting operation for promoting migration of the microcapsule dispersion on the member being performed while or after applying the microcapsule dispersion onto the member.